

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032819\
 Data File : PL046637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2019 16:04
 Operator : AJ\SJ
 Sample : K2102-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:12:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.358	3.977	147.8E6	48878829	20.317	21.348
28)	SA Decachlor...	8.035	9.030	168.8E6	49273768	20.072	21.253
Target Compounds							
2)	A alpha-BHC	3.787	4.367	666.8E6	187.0E6	57.178	58.197
3)	MA gamma-BHC...	4.065	4.651	610.1E6	176.7E6	56.780	59.035
4)	MA Heptachlor	4.352	5.158	620.3E6	177.3E6	56.263	57.626
5)	MB Aldrin	4.592	5.462	590.8E6	170.2E6	57.277	59.398
6)	B beta-BHC	4.318	4.824	248.1E6	78303601	55.108	59.066
7)	B delta-BHC	4.513	5.040	569.4E6	133.8E6	56.246	57.649
8)	B Heptachlor...	5.029	5.848	555.2E6	150.7E6	56.922	57.138
9)	A Endosulfan I	5.361	6.204	522.6E6	151.6E6	55.581	58.103
10)	B gamma-Chl...	5.251	6.082	569.4E6	162.9E6	55.431	57.387
11)	B alpha-Chl...	5.308	6.154	559.2E6	163.3E6	55.155	57.559
12)	B 4,4'-DDE	5.475	6.312	521.0E6	145.2E6	56.589	58.508
13)	MA Dieldrin	5.600	6.460	566.9E6	158.5E6	56.488	58.458
14)	MA Endrin	5.853	6.678	517.9E6	137.2E6	54.982	57.409
15)	B Endosulfa...	6.128	6.888	492.0E6	139.0E6	54.911	57.595
16)	A 4,4'-DDD	5.986	6.802	429.5E6	121.4E6	56.820	60.350
17)	MA 4,4'-DDT	6.221	7.100	428.4E6	120.7E6	56.554	57.550
18)	B Endrin al...	6.295	7.012	401.0E6	119.2E6	53.505	56.139
19)	B Endosulfa...	6.506	7.235	475.2E6	138.4E6	57.870	58.650
20)	A Methoxychlor	6.766	7.558	229.1E6	72529528	53.899	56.896
21)	B Endrin ke...	6.989	7.704	530.0E6	149.1E6	57.319	59.997
22)	Mirex	7.166	8.156	378.5E6	110.0E6	51.949	54.995
24)	Chlordane-2	0.000	5.462f	0	170.2E6	N.D.	1456.857 #
25)	Chlordane-3	5.251	6.082	569.4E6	162.9E6	511.297	427.175
26)	Chlordane-4	5.308	6.154	559.2E6	163.3E6	540.798	353.851 #
27)	Chlordane-5	6.128	0.000	492.0E6	0	1441.624	N.D. #

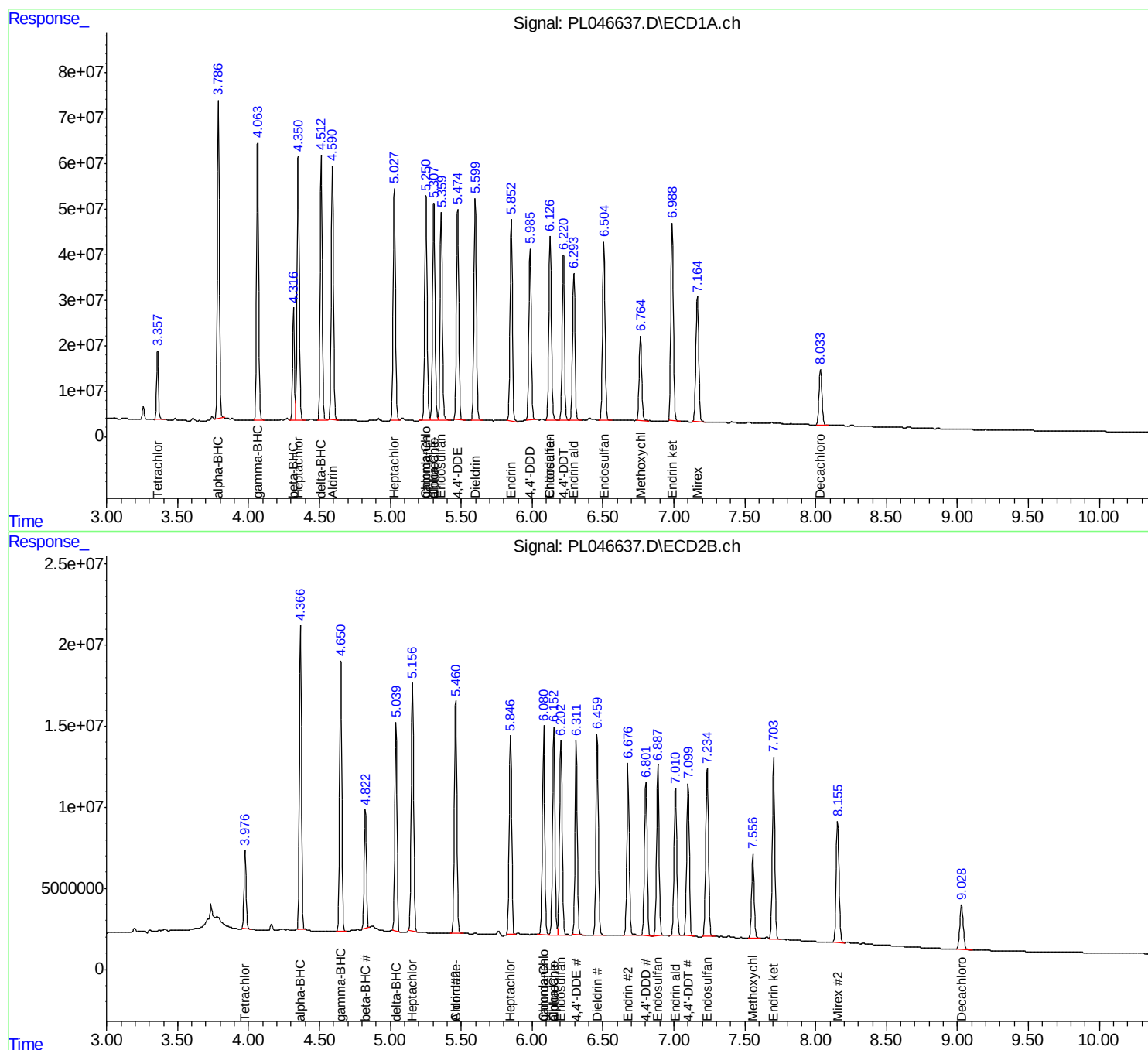
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

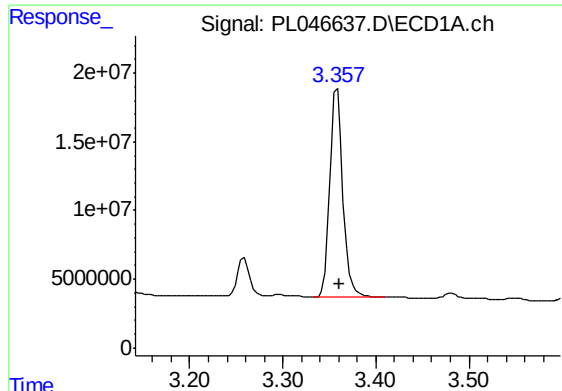
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032819\
Data File : PL046637.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2019 16:04
Operator : AJ\SJ
Sample : K2102-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 01:12:33 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

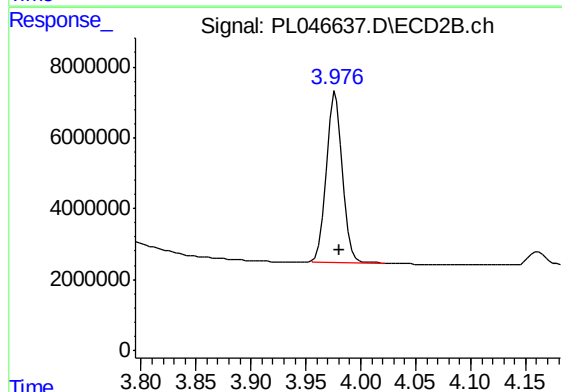




#1 Tetrachloro-m-xylene

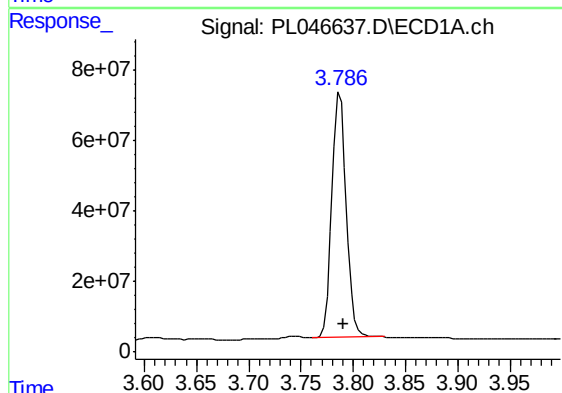
R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 147799608
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



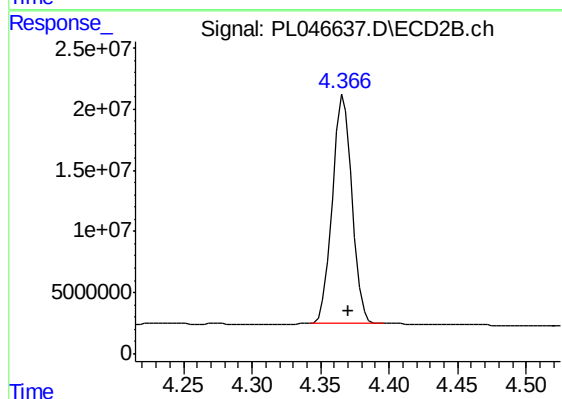
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 48878829
Conc: 21.35 ng/ml



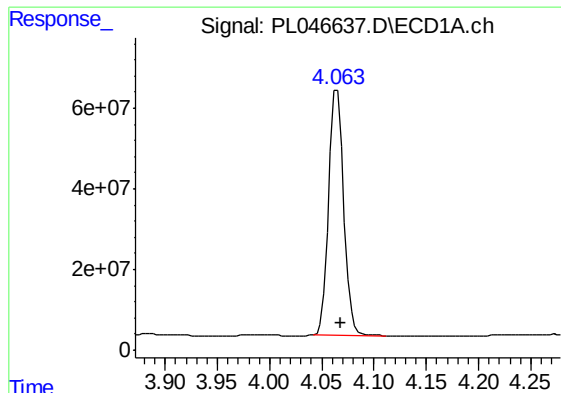
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 666807007
Conc: 57.18 ng/ml



#2 alpha-BHC

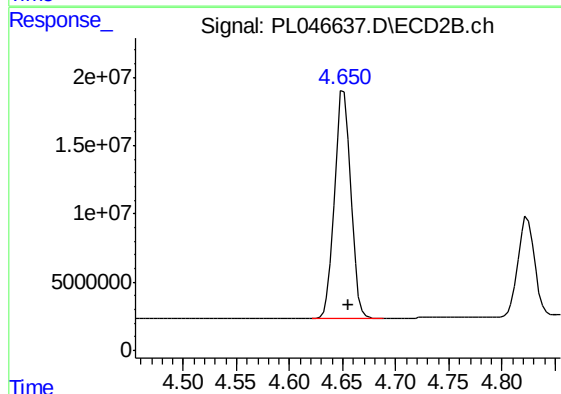
R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 187004638
Conc: 58.20 ng/ml



#3 gamma-BHC (Lindane)

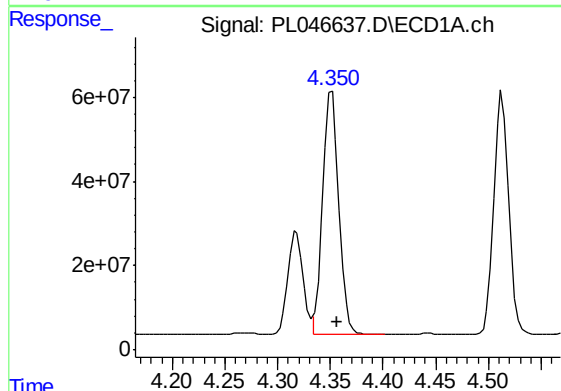
R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 610071886
Conc: 56.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



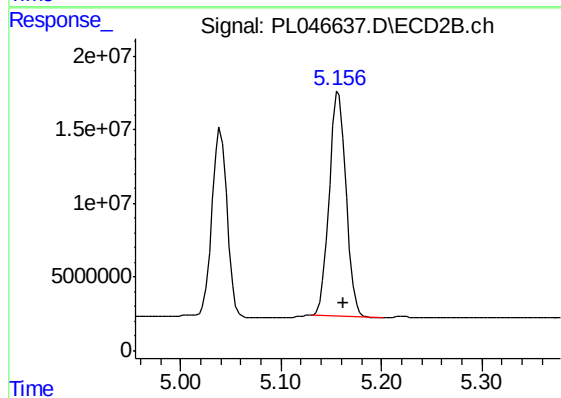
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 176692097
Conc: 59.03 ng/ml



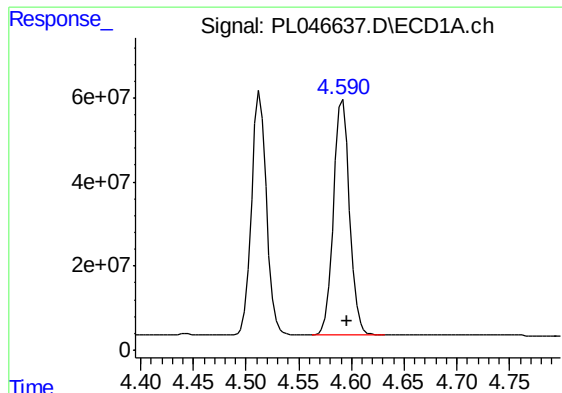
#4 Heptachlor

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 620303446
Conc: 56.26 ng/ml



#4 Heptachlor

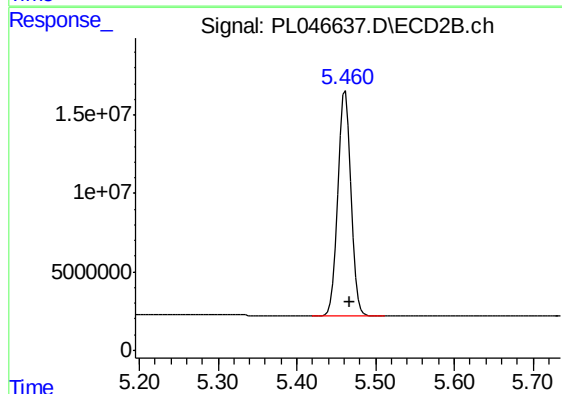
R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 177251322
Conc: 57.63 ng/ml



#5 Aldrin

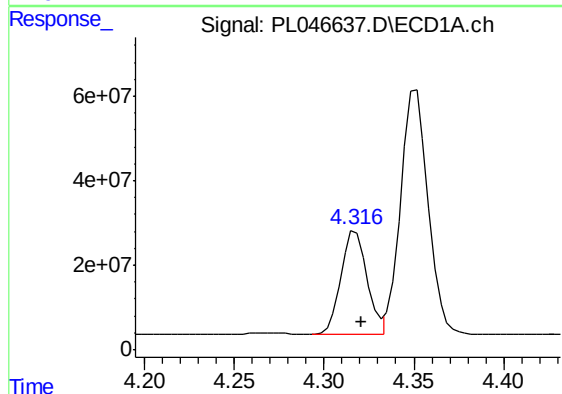
R.T.: 4.592 min
Delta R.T.: -0.004 min
Response: 590813596
Conc: 57.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



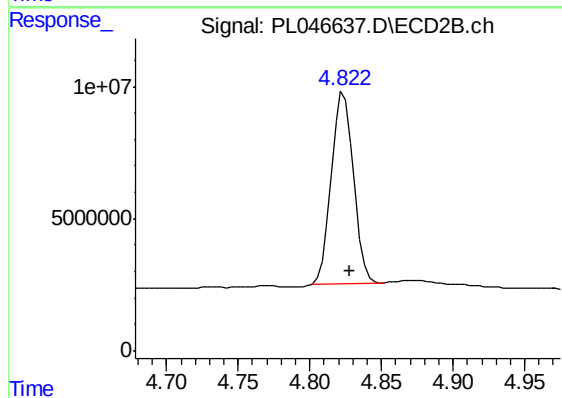
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 170174360
Conc: 59.40 ng/ml



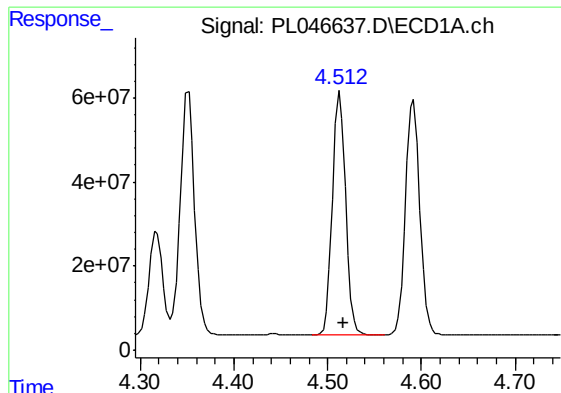
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 248119157
Conc: 55.11 ng/ml



#6 beta-BHC

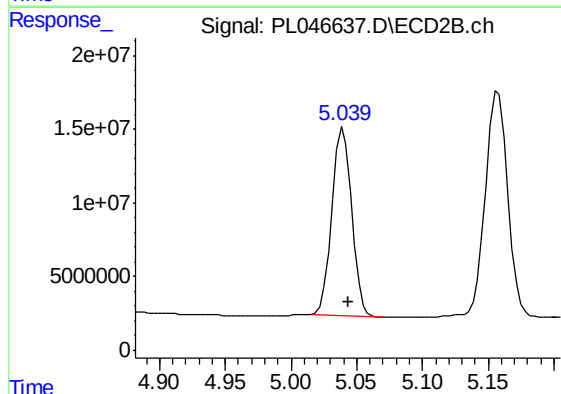
R.T.: 4.824 min
Delta R.T.: -0.004 min
Response: 78303601
Conc: 59.07 ng/ml



#7 delta-BHC

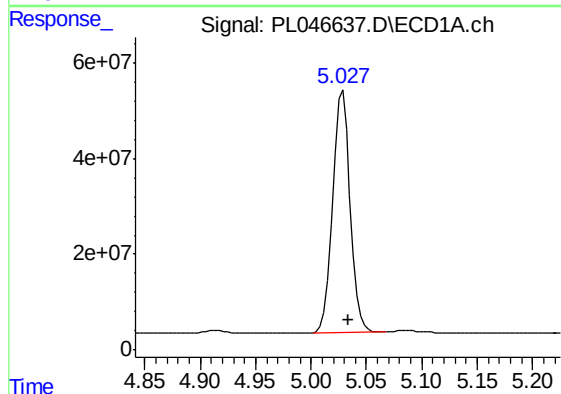
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 569383192
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



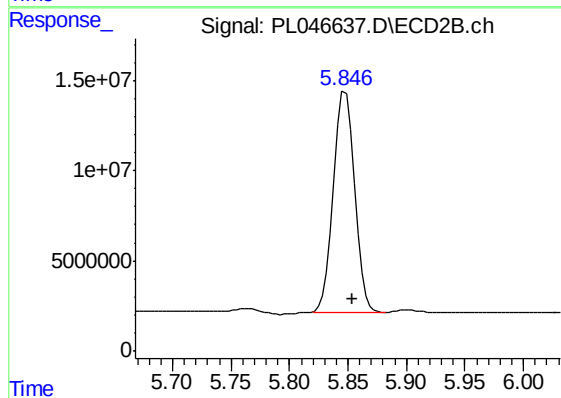
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 133756753
Conc: 57.65 ng/ml



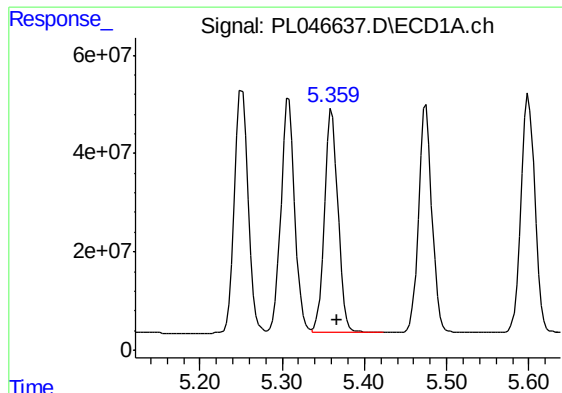
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 555191543
Conc: 56.92 ng/ml



#8 Heptachlor epoxide

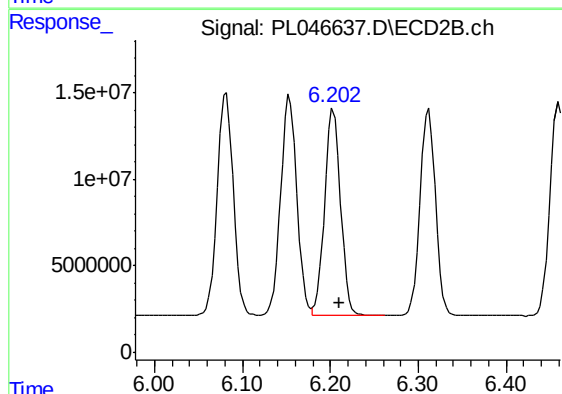
R.T.: 5.848 min
Delta R.T.: -0.006 min
Response: 150682528
Conc: 57.14 ng/ml



#9 Endosulfan I

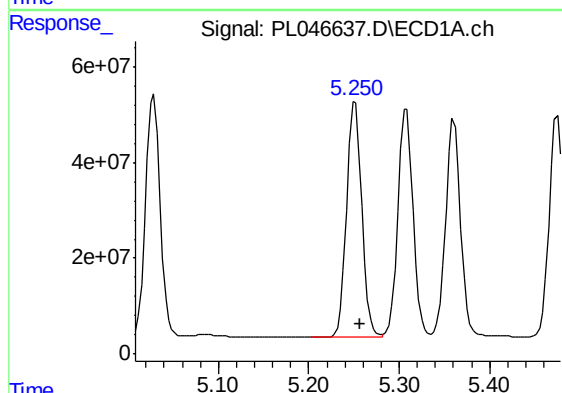
R.T.: 5.361 min
Delta R.T.: -0.006 min
Response: 522591638
Conc: 55.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



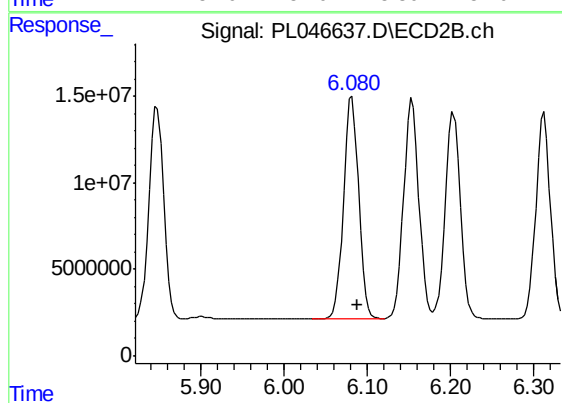
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.007 min
Response: 151641434
Conc: 58.10 ng/ml



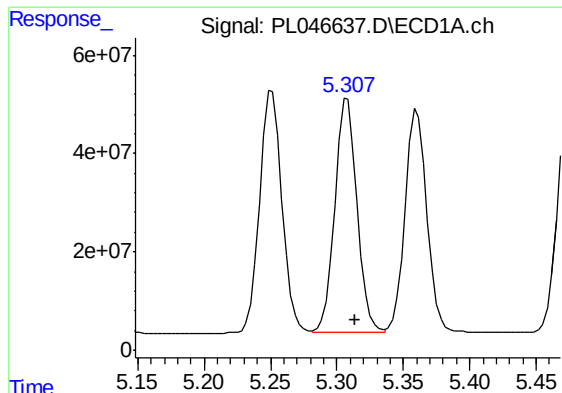
#10 gamma-Chlordane

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 569418252
Conc: 55.43 ng/ml



#10 gamma-Chlordane

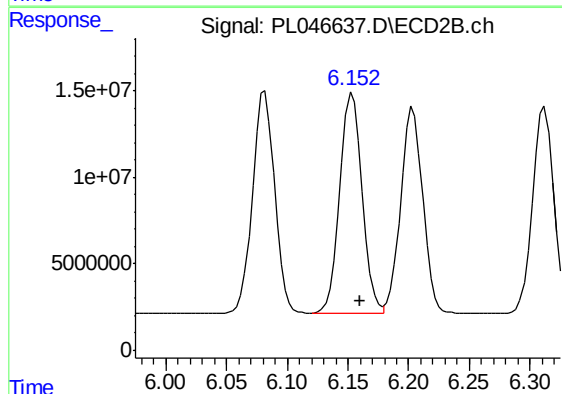
R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 162868043
Conc: 57.39 ng/ml



#11 alpha-Chlordane

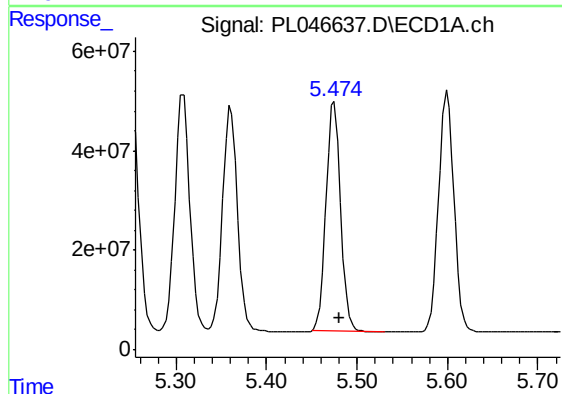
R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 559217465
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



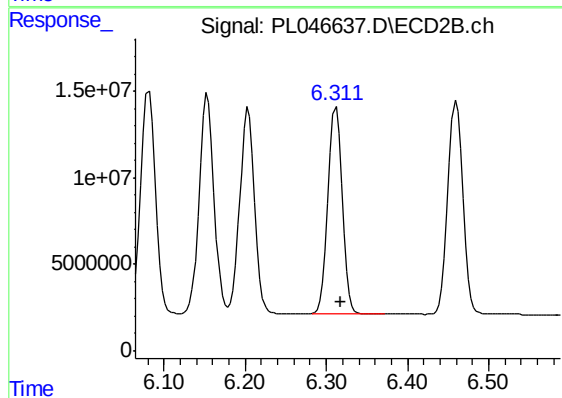
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.006 min
Response: 163275684
Conc: 57.56 ng/ml



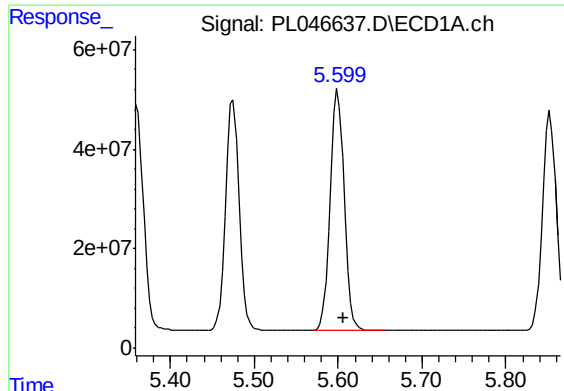
#12 4,4'-DDE

R.T.: 5.475 min
Delta R.T.: -0.006 min
Response: 521015097
Conc: 56.59 ng/ml



#12 4,4'-DDE

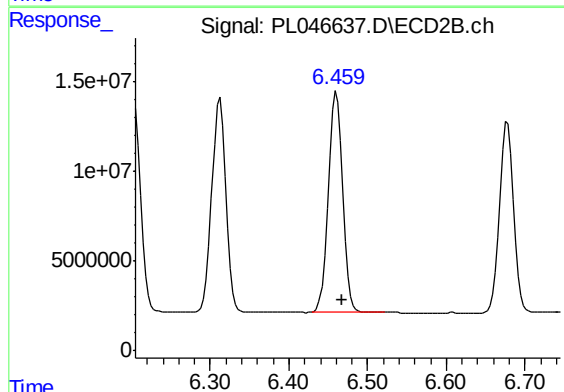
R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 145237458
Conc: 58.51 ng/ml



#13 Dieldrin

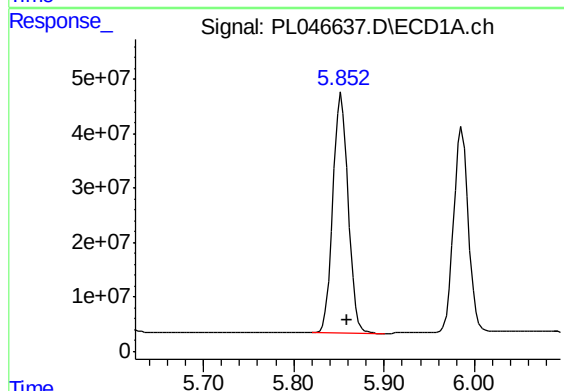
R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 566890796
Conc: 56.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



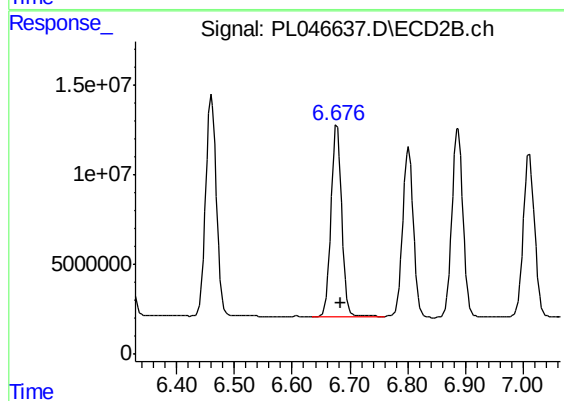
#13 Dieldrin

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 158461031
Conc: 58.46 ng/ml



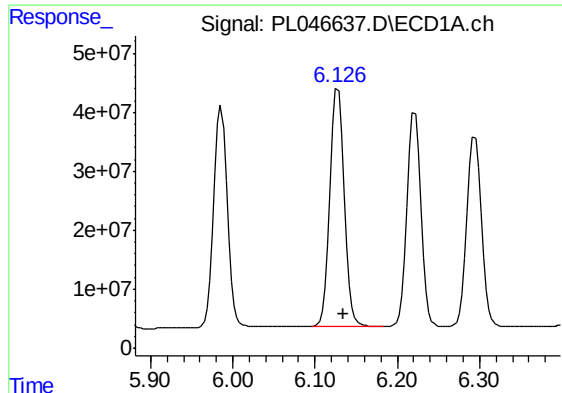
#14 Endrin

R.T.: 5.853 min
Delta R.T.: -0.006 min
Response: 517889982
Conc: 54.98 ng/ml



#14 Endrin

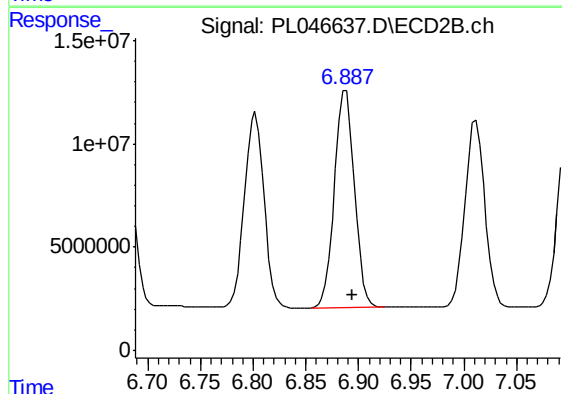
R.T.: 6.678 min
Delta R.T.: -0.007 min
Response: 137193693
Conc: 57.41 ng/ml



#15 Endosulfan II

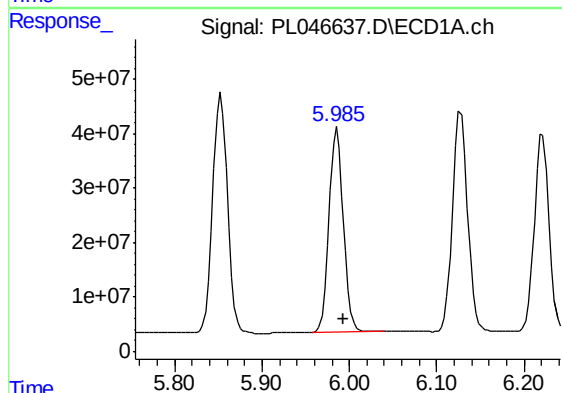
R.T.: 6.128 min
Delta R.T.: -0.006 min
Response: 491978618
Conc: 54.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



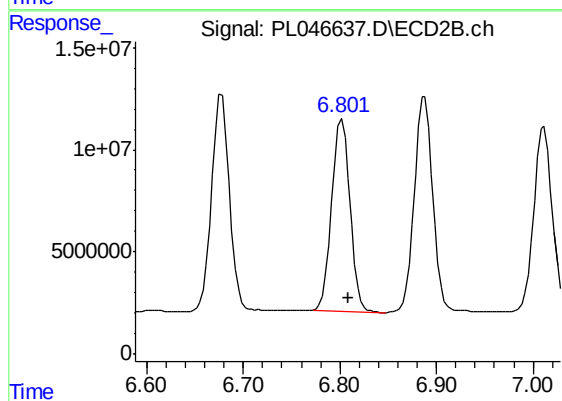
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: -0.007 min
Response: 138969372
Conc: 57.59 ng/ml



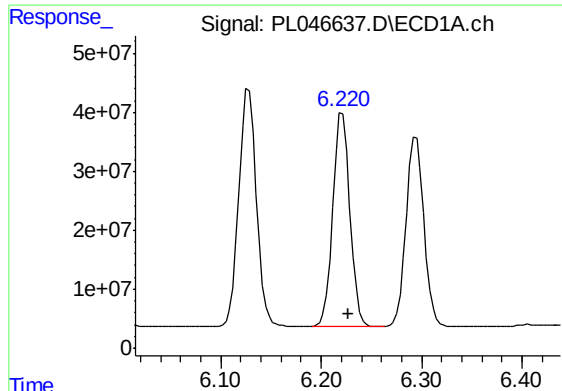
#16 4,4'-DDD

R.T.: 5.986 min
Delta R.T.: -0.006 min
Response: 429506101
Conc: 56.82 ng/ml



#16 4,4'-DDD

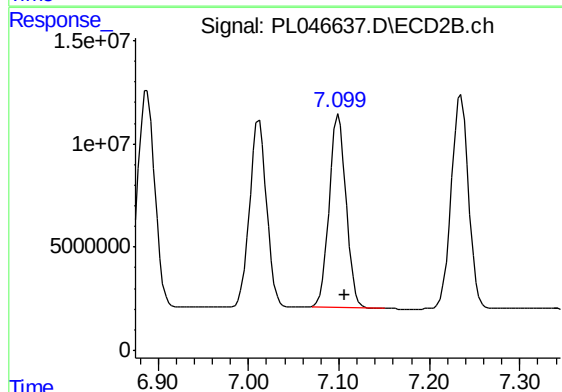
R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 121426875
Conc: 60.35 ng/ml



#17 4,4'-DDT

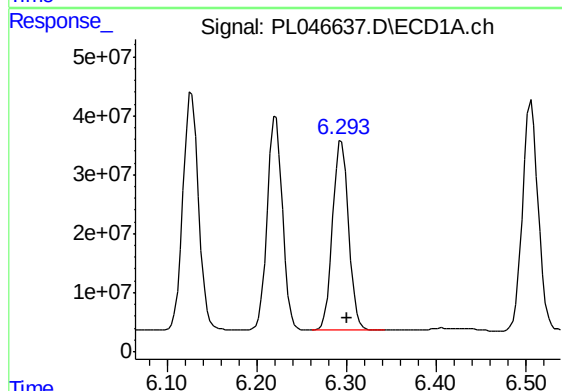
R.T.: 6.221 min
Delta R.T.: -0.006 min
Response: 428362916
Conc: 56.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



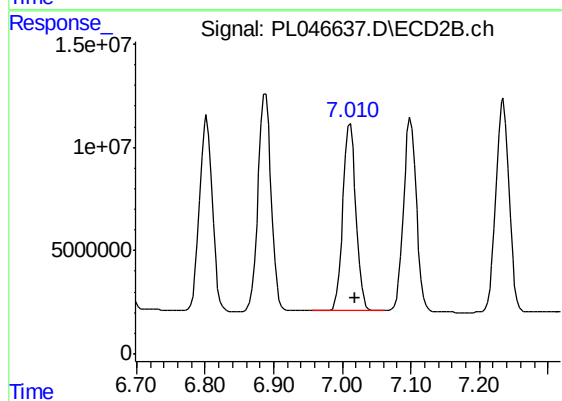
#17 4,4'-DDT

R.T.: 7.100 min
Delta R.T.: -0.007 min
Response: 120678955
Conc: 57.55 ng/ml



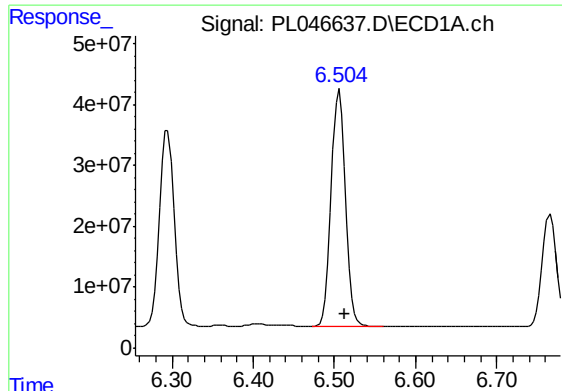
#18 Endrin aldehyde

R.T.: 6.295 min
Delta R.T.: -0.007 min
Response: 401029038
Conc: 53.51 ng/ml



#18 Endrin aldehyde

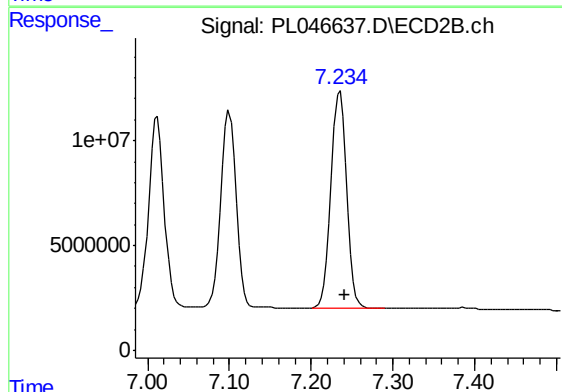
R.T.: 7.012 min
Delta R.T.: -0.007 min
Response: 119239921
Conc: 56.14 ng/ml



#19 Endosulfan Sulfate

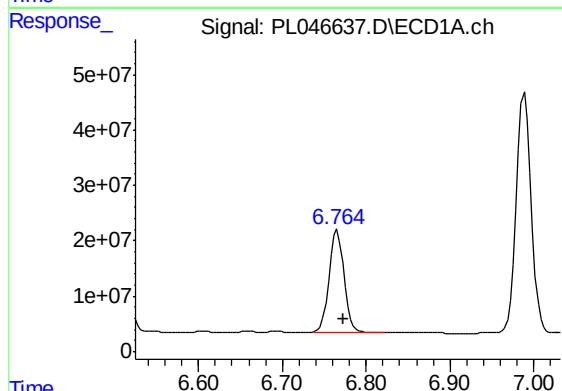
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 475180389
Conc: 57.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



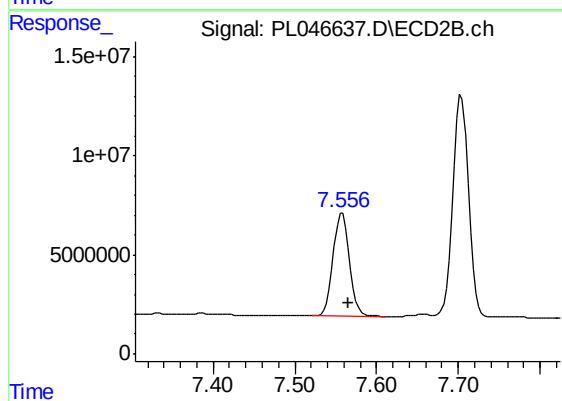
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: -0.006 min
Response: 138354393
Conc: 58.65 ng/ml



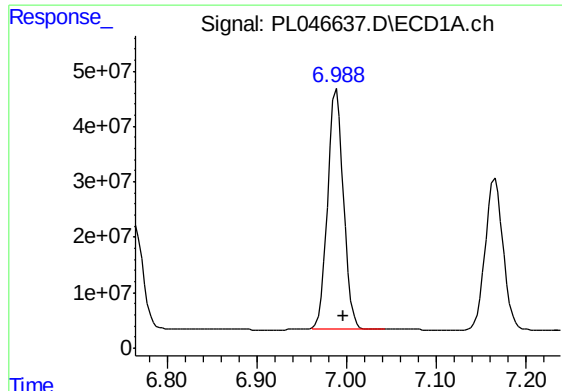
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: -0.008 min
Response: 229065280
Conc: 53.90 ng/ml



#20 Methoxychlor

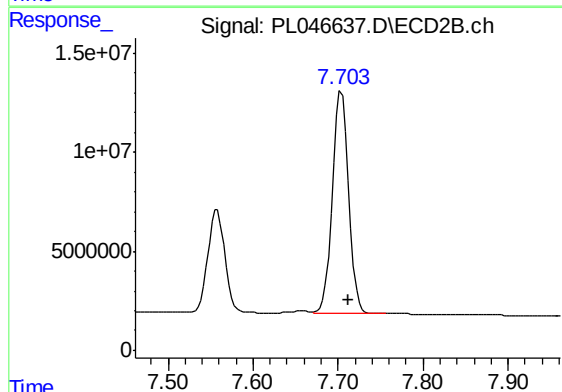
R.T.: 7.558 min
Delta R.T.: -0.008 min
Response: 72529528
Conc: 56.90 ng/ml



#21 Endrin ketone

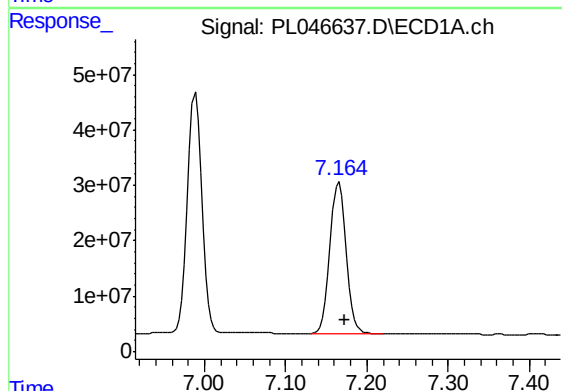
R.T.: 6.989 min
Delta R.T.: -0.007 min
Response: 530013739
Conc: 57.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



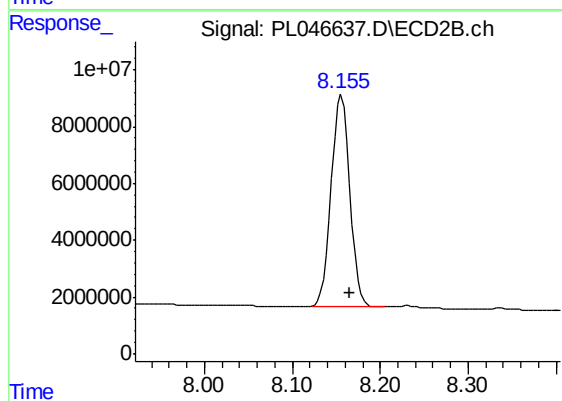
#21 Endrin ketone

R.T.: 7.704 min
Delta R.T.: -0.008 min
Response: 149065873
Conc: 60.00 ng/ml



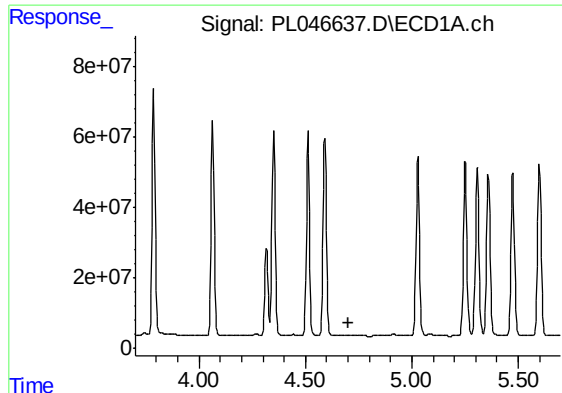
#22 Mirex

R.T.: 7.166 min
Delta R.T.: -0.008 min
Response: 378472824
Conc: 51.95 ng/ml



#22 Mirex

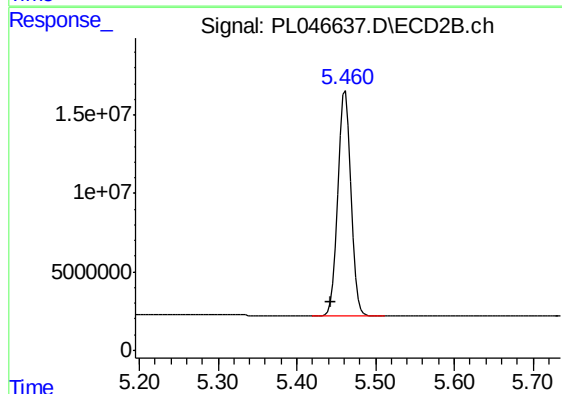
R.T.: 8.156 min
Delta R.T.: -0.009 min
Response: 110000087
Conc: 55.00 ng/ml



#24 Chlordane-2

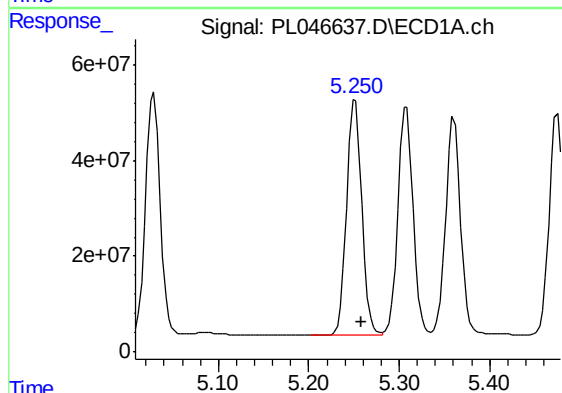
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



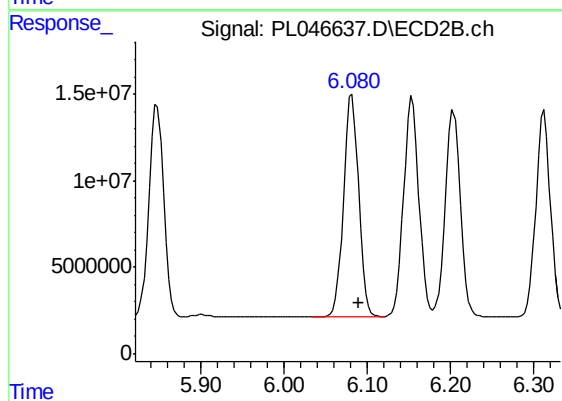
#24 Chlordane-2

R.T.: 5.462 min
Delta R.T.: 0.019 min
Response: 170174360
Conc: 1456.86 ng/ml



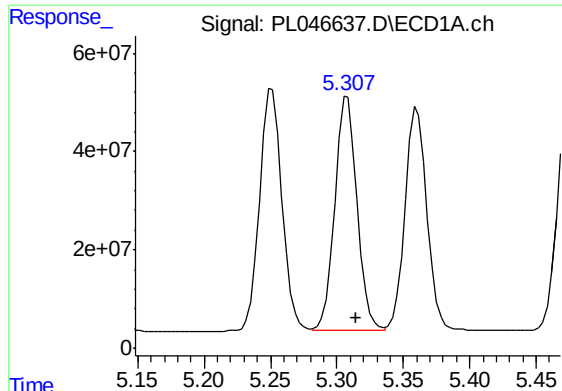
#25 Chlordane-3

R.T.: 5.251 min
Delta R.T.: -0.007 min
Response: 569418252
Conc: 511.30 ng/ml



#25 Chlordane-3

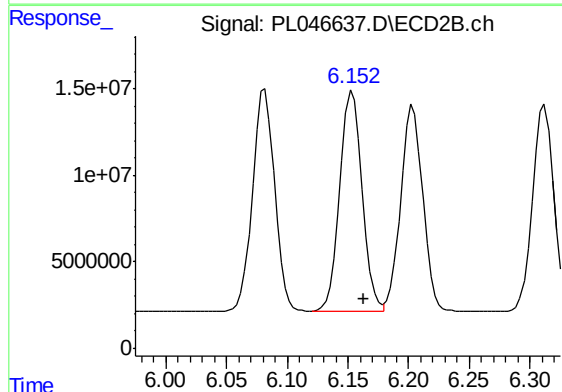
R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 162868043
Conc: 427.18 ng/ml



#26 Chlordane-4

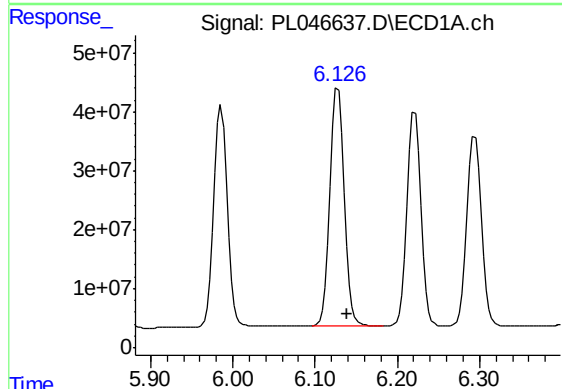
R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 559217465
Conc: 540.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



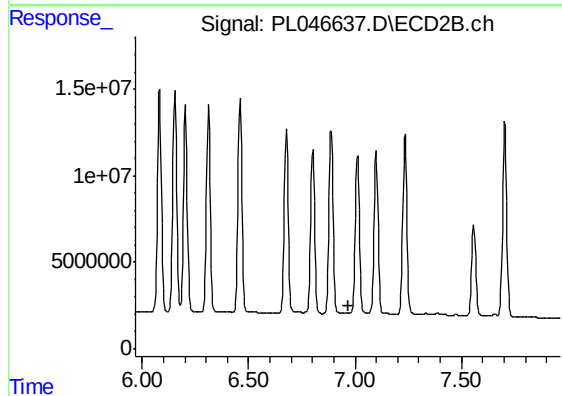
#26 Chlordane-4

R.T.: 6.154 min
Delta R.T.: -0.009 min
Response: 163275684
Conc: 353.85 ng/ml



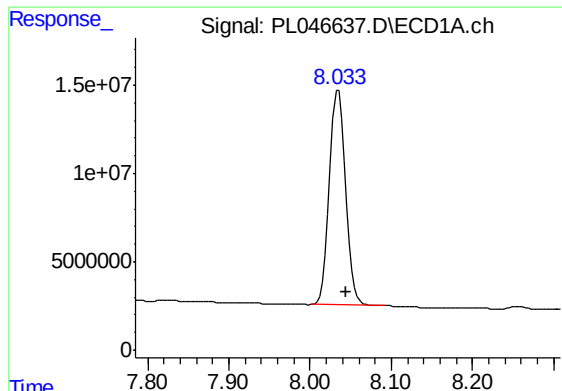
#27 Chlordane-5

R.T.: 6.128 min
Delta R.T.: -0.012 min
Response: 491978618
Conc: 1441.62 ng/ml



#27 Chlordane-5

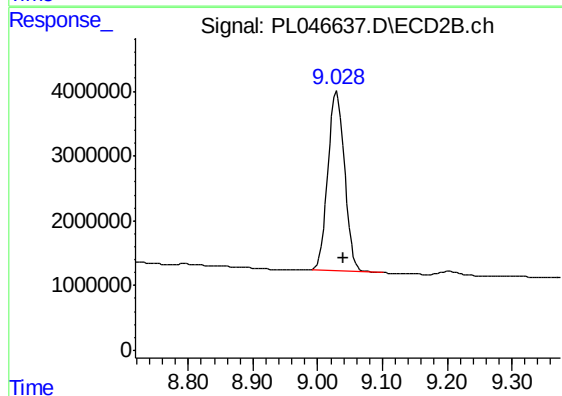
R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.035 min
Delta R.T.: -0.009 min
Response: 168824817
Conc: 20.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TT-001-IDWSO-20190325MSD



#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: -0.010 min
Response: 49273768
Conc: 21.25 ng/ml